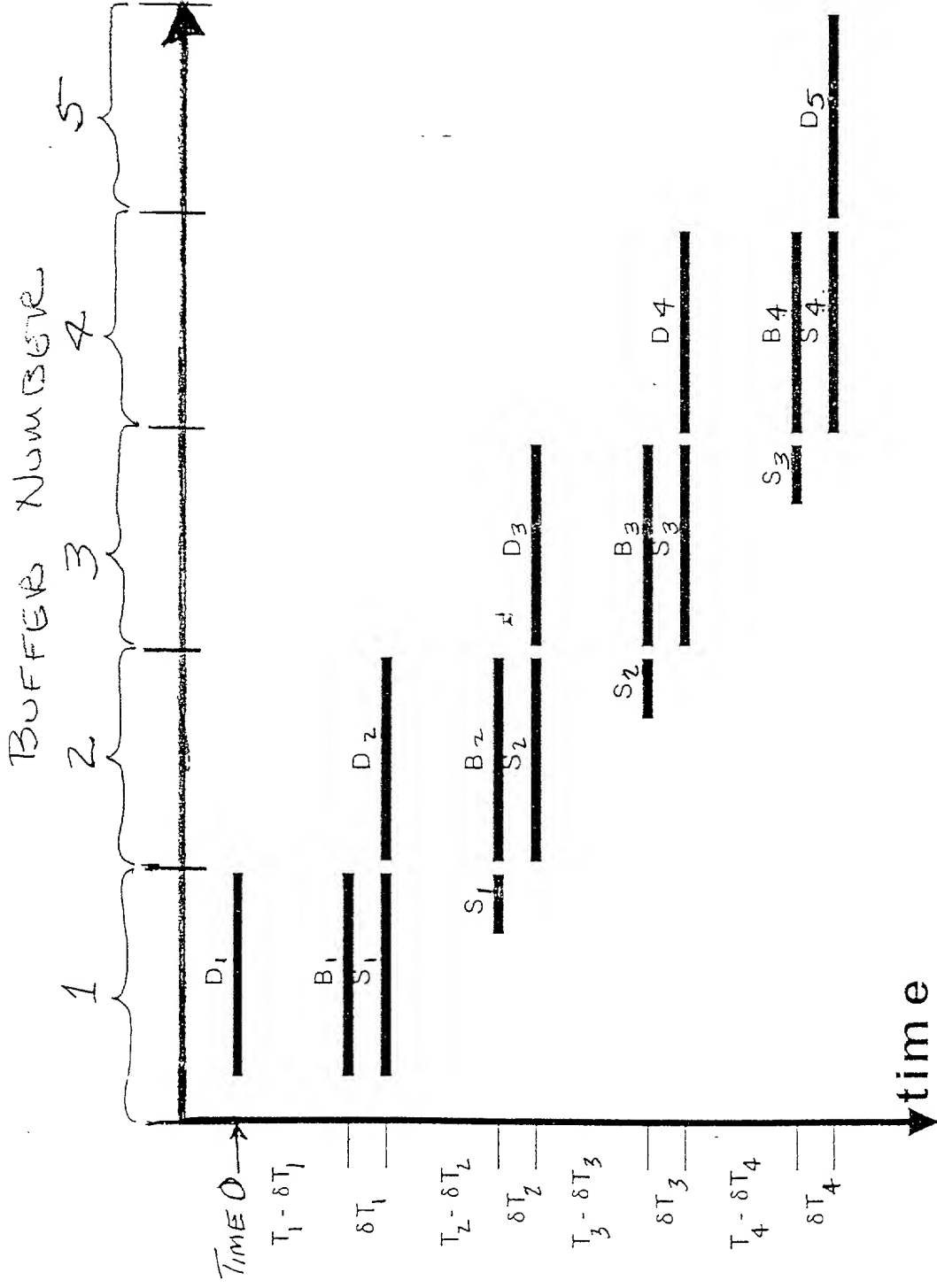


FIG. 1



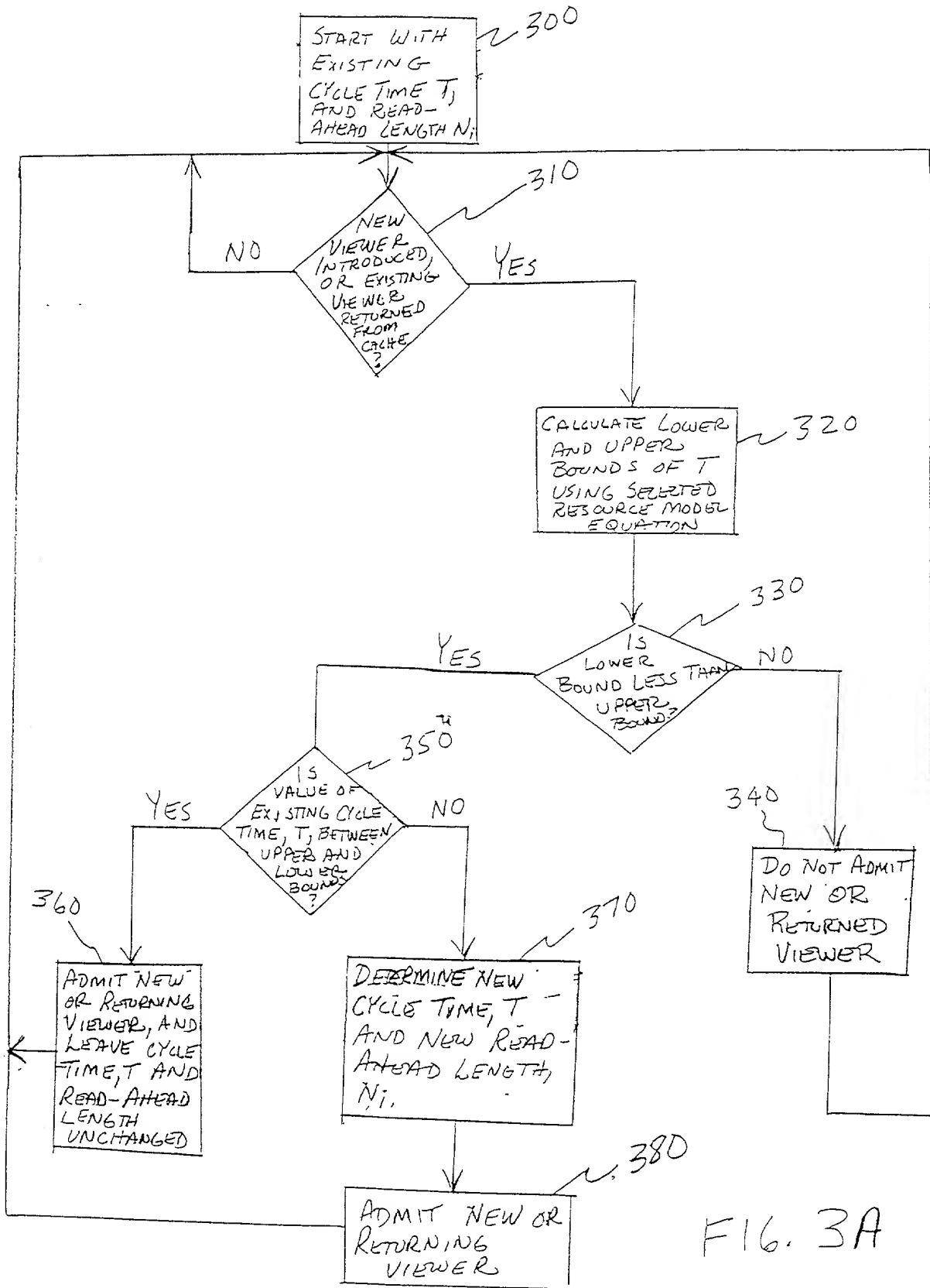


FIG. 3A

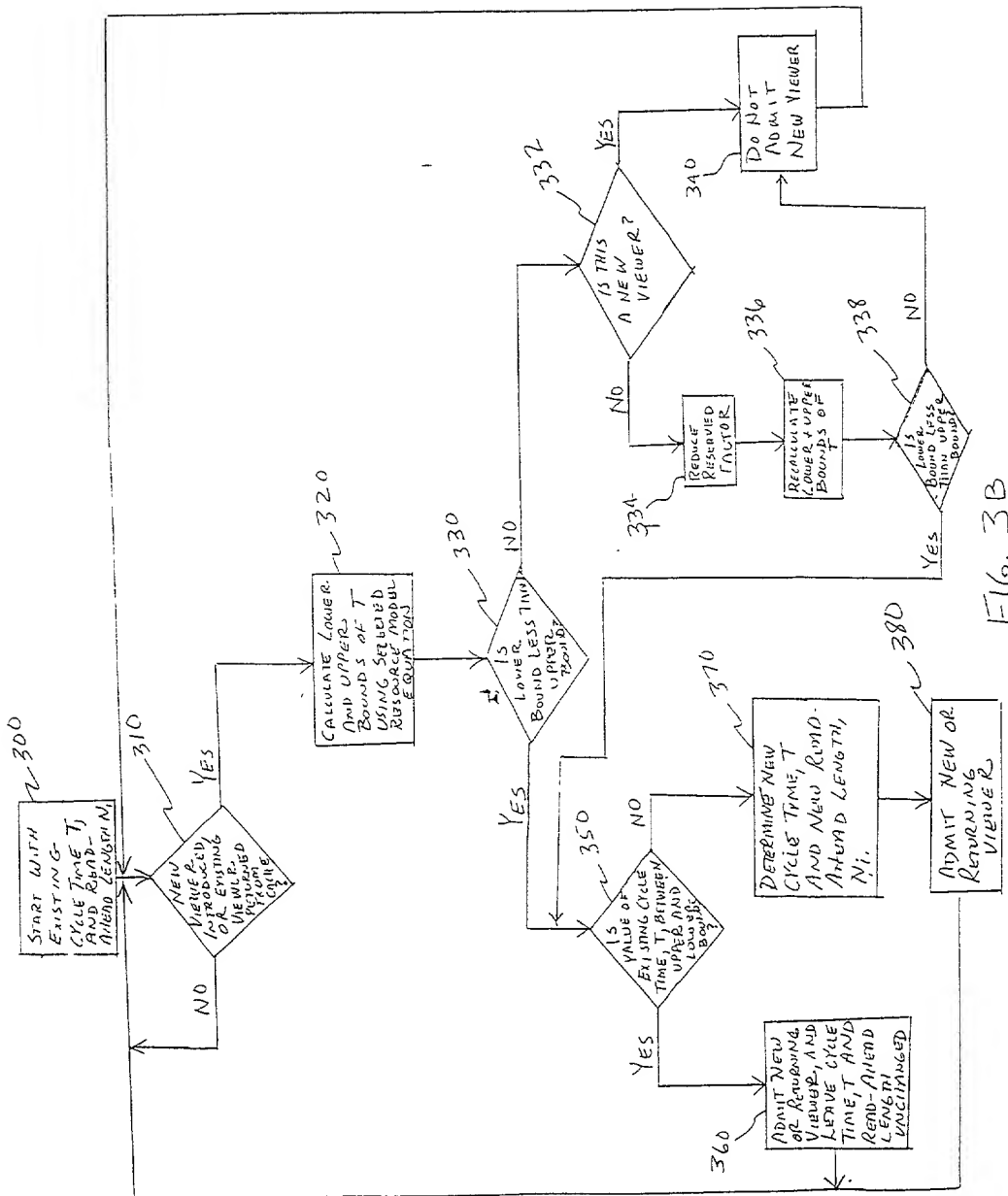
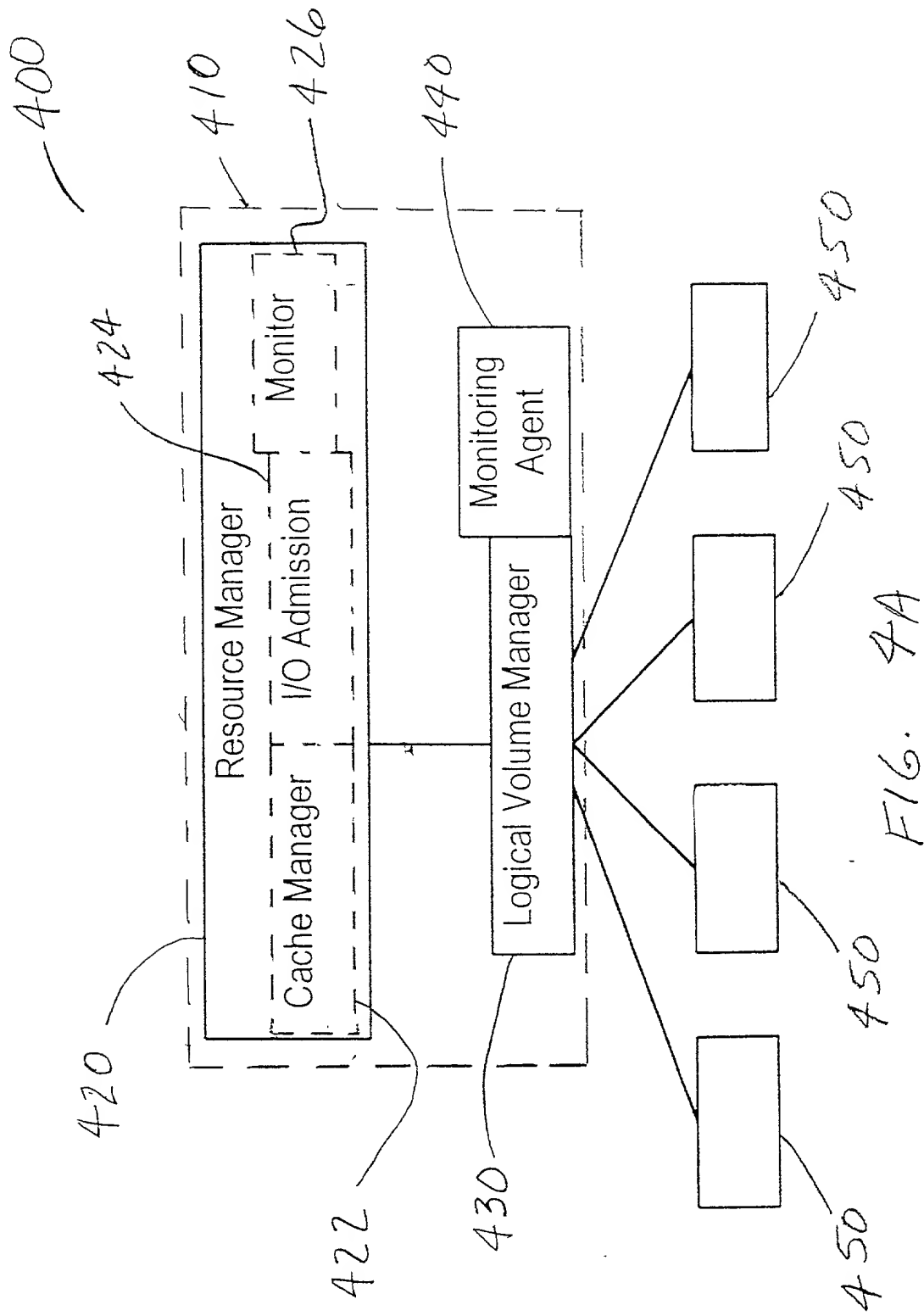


FIG. 3B



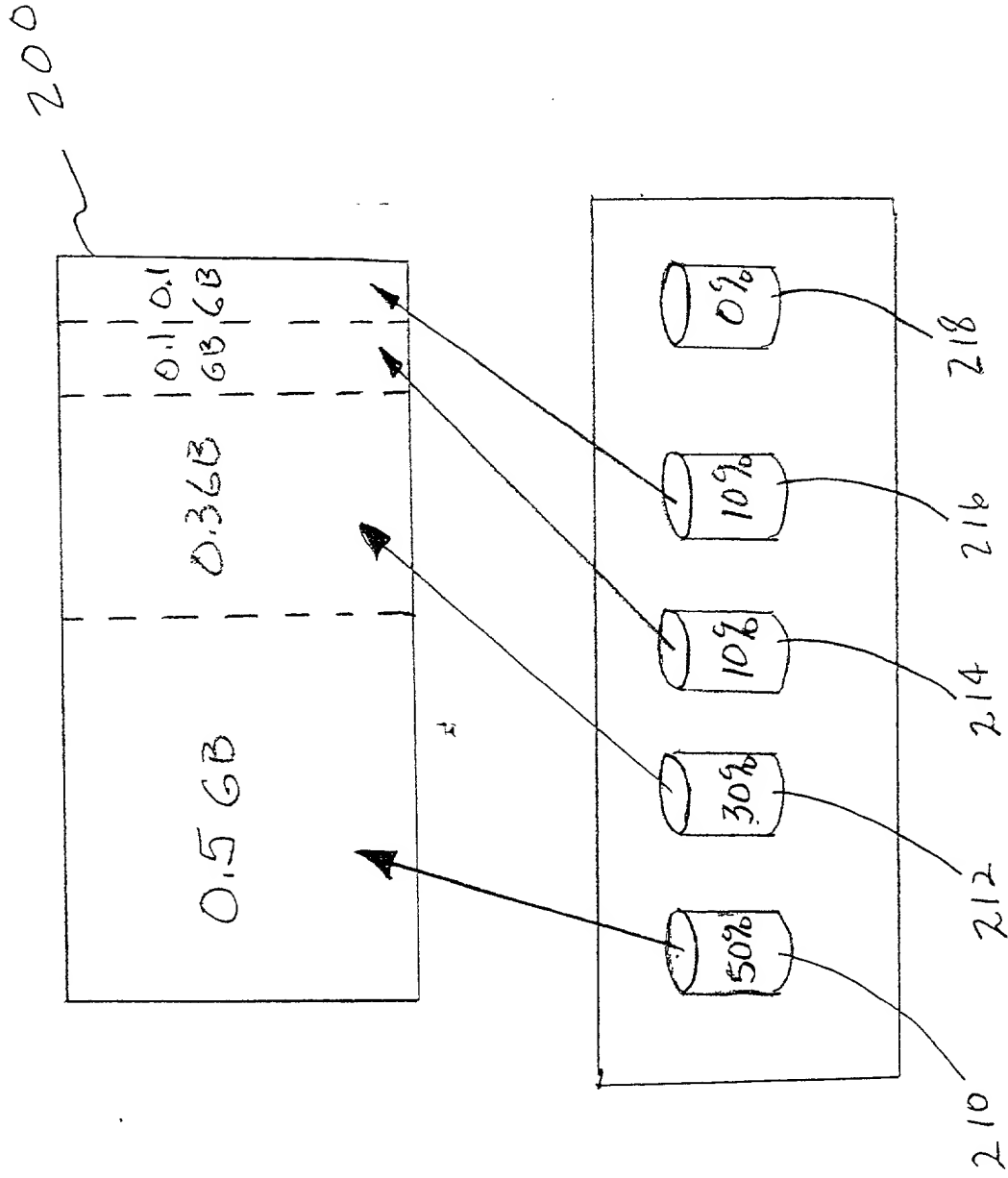


FIG. 4B

Upper Bound

Lower Bound

$n$

T

NOV

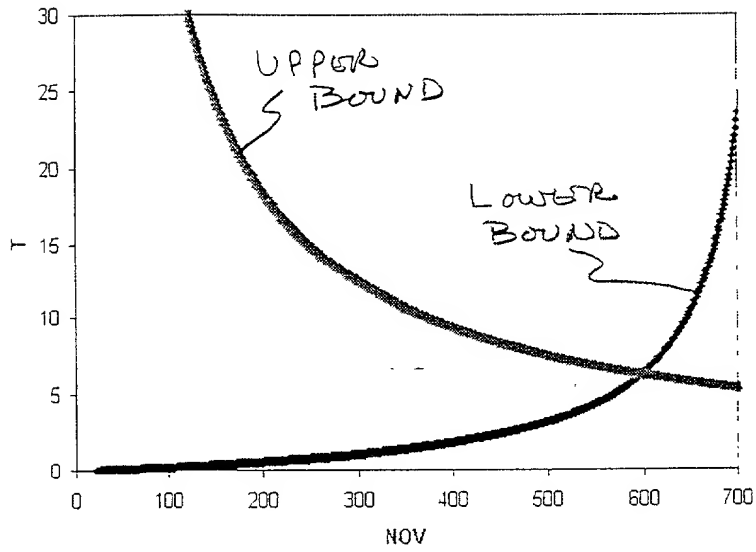


FIG. 7: Consumption rate 1mbps, Buffer 1 GB